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W-8000 München 19(DE)(54) **Polyolefin articles and methods of making same.**

(57) A generally hydrophobic polyolefin article is provided with a modified surface by contacting said generally hydrophobic polyolefin with a copolymeric material while said polyolefin is at a temperature above its glass transition temperature. The copolymeric composition comprises a generally hydrophobic moiety and a modifying moiety. Also disclosed is a method for imparting the modified surface to a generally hydrophobic polyolefin which method comprises contacting a generally hydrophobic polyolefin with a copolymeric material while said generally hydrophobic polyolefin is at a temperature above its glass transition temperature. In one preferred embodiment, the generally hydrophobic polyolefin is contacted with said copolymeric composition immediately after said polyolefin has been extruded and while said polyolefin is undergoing die swell.

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EUROPEAN SEARCH REPORT

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EP 91 12 1379

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	DE-A-1 569 079 (KALLE AG)	1-4, 8-11, 13, 15, 16, 19	C08J7/04 D06M15/53 C09D171/02 //C08L23:02
Y	* claims 1,3 * * page 5, line 11 - page 5, line 18 * * page 6, line 5 - page 6, line 10 * * page 8, line 1 - page 8, line 9 * * example 7 * ---	1-11, 13, 15, 16, 19	
Y	US-A-3 296 019 (A.S. KELLER ET AL.) * claims 1-4 * * column 1, line 43 - column 2, line 11 * * column 2, line 30 - column 2, line 58 * * examples 1,2 * ---	1-11, 13, 15, 16, 19	
A	EP-A-0 234 963 (KIMBERLEY-CLARK CORPORATION) * claims 1-7 * * page 6, line 25 - page 6, line 33 * ---	1, 18, 19	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
X	GB-A-868 924 (LOWE PAPER COMPANY) *whole document* -----	1, 2, 8, 11, 13, 15, 19	C08J D06M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 AUGUST 1992	Examiner HALLEMEESCH A, D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			